

Converting Colors

CIELCh(57, 55.227, 139.617)

Have a look what the booklet for
CIELCh(57, 55.227, 139.617)
contains.

CIELCh(57, 55.265, 139.599)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 55.265, 139.599)

Conversions

Conversions Part 1

Format	Color
Hex	499A47
RGB	73, 154, 71
RGB Percent	29%, 60%, 28%
CMY	0.7144, 0.3967, 0.7221
CMYK	0.53, 0.00, 0.54, 0.40
HSL	119°, 37%, 44%
HSV	119°, 54%, 60%
XYZ	15.3978, 24.9227, 9.9362
YIQ	120.3190, -21.6330, -42.9850

Conversions

Conversions Part 2

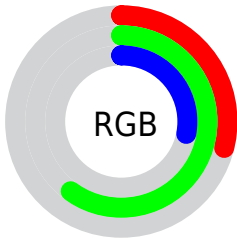
Format	Color
RYB	71, 154, 152
Decimal	4823623
CIELab	57.00, -42.09, 35.82
CIELCh	57, 55.265, 139.599
Yxy	24.9227, 0.3064, 0.4959
Android (android.graphics.Color)	4283013703 (0xFF499A47)
YUV	120.3190, -24.3143, -41.4988
Hunter-Lab	49.9226, -32.3091, 23.1452

Details

The CIELCh color **57, 55.265, 139.599** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **43, 55.028, 326.432**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 55.362, 139.434**, and **37, 55.349, 139.618** is the 20% darker color. If you saturate the color by 10%, you get **56, 63.890, 138.555**, and if you desaturate by 10%, it is **58, 45.733, 140.600**.

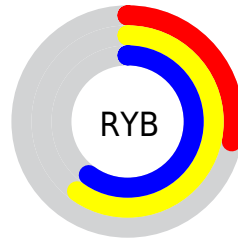
Distribution



Red (29%)

Green (60%)

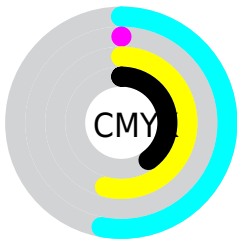
Blue (28%)



Red (28%)

Yellow (60%)

Blue (60%)

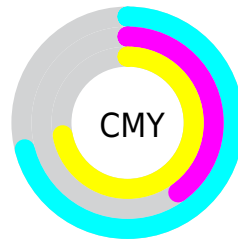


Cyan (53%)

Magenta (0%)

Yellow (54%)

Black (40%)



Cyan (71%)


Magenta (40%)


Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 55.265, 139.599 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 57, 55.265, 139.599 by changing the saturation by 10% instead.


 57, 55.265,
139.599


 57, 55.265,
139.599


 100, 55.265,
139.599


 47, 55.265,
139.599


 77, 55.265,
139.599

 37, 55.265,
139.599

 87, 55.265,
139.599

 27, 55.265,
139.599

 97, 55.265,
139.599

 17, 55.265,
139.599

 7, 55.265, 139.599

 0, 55.265, 139.599

■ 57, 55.265,
139.599

■ 57, 55.265,
139.599

■ 56, 63.890,
138.555

■ 58, 45.733,
140.600

■ 56, 71.220,
137.554

■ 59, 35.617,
141.512

■ 55, 76.843,
136.722

■ 60, 25.178,
142.317

■ 55, 80.434,
136.186

■ 61, 14.622,
143.017

■ 55, 81.995,
135.893

■ 63, 4.103, 143.648

■ 65, 6.268, 324.070

■ 66, 16.414,
324.519

■ 68, 26.288,
324.888

■ 70, 35.861,
325.200

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57, 55.265, 139.599



43, 55.028, 326.432

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57, 55.265, 139.599



57, 55.265, 189.599



57, 55.265, 319.599



57, 55.265, 9.599

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57, 55.266, 139.599



77, 20.710, 142.860



61, 43.238, 103.647



40, 13.955, 142.733



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 55.266, 139.599



71, 79.481, 138.316



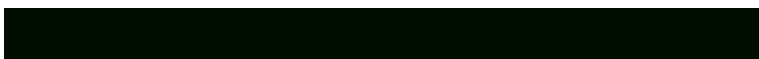
58, 39.196, 156.323



32, 5.885, 143.317



51, 76.622, 135.878



3, 6.337, 143.819

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43, 55.028, 326.432



52, 78.595, 326.855



42, 40.937, 347.396



30, 5.896, 324.264



32, 74.146, 327.313



1, 6.331, 323.718

Previews

White Background



This preview shows how the CIELCh color 57, 55.265, 139.599 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 57, 55.265, 139.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 55.265, 139.599

Background



This preview shows how black text looks on a background with the CIELCh color 57, 55.265, 139.599.



This preview shows how white text looks on a background with the CIELCh color 57, 55.265, 139.599.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
57, 55.265, 139.599

Protanopia
57, 39.777, 95.427

Deuteranopia
57, 34.526, 77.897



Tritanopia
57, 18.525, 217.868

Trichromacy



Original Color
57, 55.265, 139.599

Protanomaly
56, 41.832, 116.943

Deuteranomaly
56, 35.565, 110.944

Tritanomaly
57, 26.575, 167.282

Monochromacy



Original Color
57, 55.265, 139.599

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 21.020, 142.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 55.265, 139.599 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(73, 154, 71)` looks like.

```
.text, #text, p{  
    color:rgb(73, 154, 71)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(73, 154, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 154, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 55.265, 139.599 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(73, 154, 71) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(73, 154, 71) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(73, 154, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 154, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 154, 71);  
box-shadow:4px 4px 4px 4px rgb(73, 154,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 55.265, 139.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 154, 71) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(73, 154,  
71) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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